

CH-2541TXM-TB

UHD⁺ 3x1 Multi-Format to HDBaseT Table Box with PoH (PD)



The CH-2541TXM-TB is a brand new AV concept for the commercial & corporate-market segments. Presentation equipment in corporate meeting rooms can be difficult to operate and provide the user with challenges when connecting their source to the installed AV system. Flexible meeting rooms are also becoming more commonplace, which is where the CH-2541TXM-TB provides the perfect balance between ease of use and portability. Providing the user with a flexible AV solution that removes the boundaries of how a meeting space can be used.

The HDMI input, the Mini Display Port Input, and the USB-C input support resolutions up to 4K@60Hz. This Transmitter (PD) is powered by 48V PoH (Power over HDBaseT) from a compatible Receiver (PSE), allowing for greater flexibility within different installation scenarios.

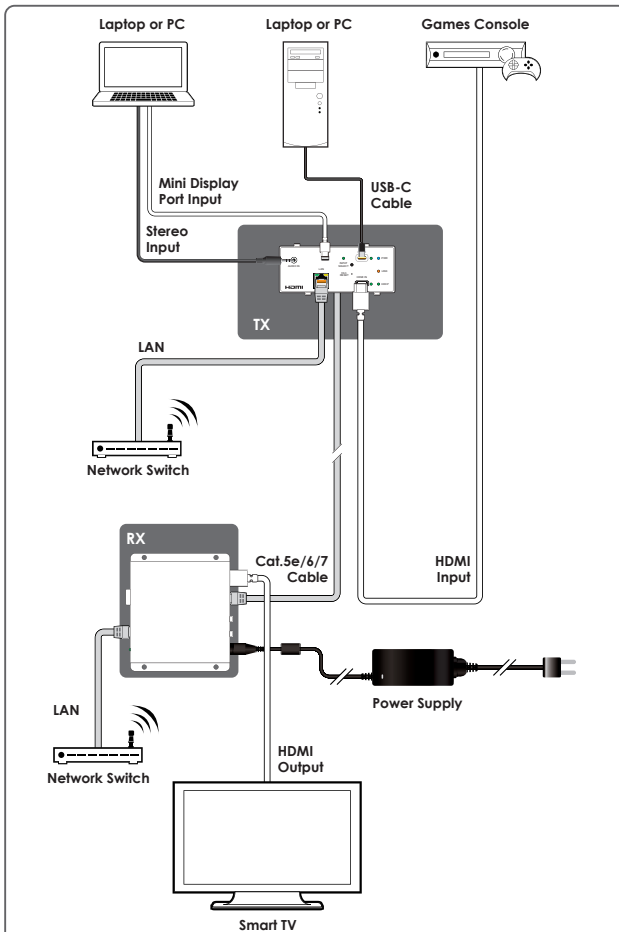
PANELS



Front View

Rear View

DIAGRAM



FEATURES

- HDMI with 3D & 4K support
- Automatic scaling of sources to match the native resolution of the HDMI display based on EDID
- HDBaseT output transmits video, audio and data over a single Cat.5e/6/7 cable and can reach distances up to 70m at 4K when using Cat.6a/7
- Supported HDBaseT feature set: HD Video & Audio, 100BaseT Ethernet, and PoH (PD)
- Supports CEC bypass
- Automatic input selection with hot plug detection enabling hands-free operation
- Front panel LEDs indicate input selection, power and link status

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A) 1 DisplayPort (mDP) 1 USB (Type-C) 1 Stereo Audio (3.5mm)
Output Port	1 HDBaseT (RJ-45)
Control I/O	1 LAN (RJ-45)

Video

HDMI Compliance	HDMI 2.0
HDCP Compliance	2.X
Input Signal Types	4096 x 2160p@60 8bit YUV 4:4:4
Output Signal Types	4096 x 2160p@60 8bit YUV 4:2:0

Resolutions

Maximum Input	HDMI	4096x2160p@60
	Mini-DP	4096x2160p@60
	USB (Type-C)	4096x2160p@60
Maximum Output	Cat5e/6/7	4096x2160p@60

Audio

HDMI	LPCM (8 Channels), Bitstream, High Bit Rate Bitstream
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Enclosure

Chassis Material	Metal (Aluminum) & Plastic
Chassis Color	Black/Silver
Dimensions (W×H×D)	125mm× 55mm× 37mm [Case Only] 170mm× 77mm× 75mm [All Inclusive]
Weight	TBD

Field Firmware Update

PC Update, WebGUI

ORDERING INFORMATION

Model No.	Product Description
CH-2541TXM-TB	UHD ⁺ 3x1 Multi-Format to HDBaseT Table Box with PoH (PD)
CH-2527TX	UHD HDMI over HDBaseT Receiver with IR, RS-232, LAN & PoH (PSE)